



INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 342312001701	Application Number 10/676,575
	Applicant Peter Stanley BORROMEO et al.	
	Filing Date September 30, 2003	Group Art Unit Not Yet Assigned
	Mailing Date: November 17, 2003	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
<i>jr</i>	1.	12/16/1992	07/992,390 (appl.)	Burkhardt et al.	—	—	
<i>jr</i>	2.	03/17/1993	08/032,228 (appl.)	Burkhardt et al.	—	—	
<i>jr</i>	3.	10/06/1981	4,293,489	Debono	530	317	
<i>jr</i>	4.	03/16/1982	4,320,052	Abbott et al.	530	317	
<i>jr</i>	5.	11/24/1992	5,166,135	Schmatz	514	11	
<i>jr</i>	6.	07/30/1996	5,541,160	Balkovec et al.	514	11	
<i>jr</i>	7.	12/09/1997	5,696,084	Lartey et al.	514	9	
<i>jr</i>	8.	10/12/1999	5,965,525	Burkhardt et al.	514	11	
<i>jr</i>	9.	08/03/1999	5,932,543	Burkhardt et al.	514	11	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
<i>jr</i>	10.	03/21/1990	EP 0 359 529	Europe	—	—	
<i>jr</i>	11.	09/18/1991	EP 0 447 186	Europe	—	—	
<i>jr</i>	12.	09/25/1991	EP 0 448 343	Europe	—	—	
<i>jr</i>	13.	09/25/1991	EP 0 448 353	Europe	—	—	
<i>jr</i>	14.	09/25/1991	EP 0 448 354	Europe	—	—	
<i>jr</i>	15.	09/25/1991	EP 0 448 355	Europe	—	—	
<i>jr</i>	16.	12/27/1991	EP 0 462 531	Europe	—	—	
<i>jr</i>	17.	09/16/1992	EP 0 503 960	Europe	—	—	
<i>jr</i>	18.	02/03/1993	EP 0 525 889	Europe	—	—	
<i>jr</i>	19.	09/22/1993	EP 0 561 639	Europe	—	—	
<i>jr</i>	20.	10/10/1996	WO 96/31228	Europe WIPO	—	—	
<i>jr</i>	21.	11/25/1996	WO 96/37509	WIPO	—	—	
<i>jr</i>	22.	11/28/1996	WO 96/37510	WIPO	—	—	

EXAMINER: Jeffrey E. Russell

DATE CONSIDERED: November 22, 2004

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Form PTO 449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 342312001701	Application Number 10/676,575
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					Class		Subclass		
JR	23.	11/28/1996	WO 96/37511	WIPO					
JR	24.	11/28/1996	WO 96/37512	WIPO					
JR	25.	02/13/1997	WO 97/05163	WIPO					
JR	26.	08/07/1997	WO 97/27864	WIPO					
JR	27.	02/11/1999	WO 99/06062	WIPO					
JR	28.	09/02/1999	WO 99/43337	WIPO					
JR	29.	03/02/2000	WO 00/11023	WIPO					
JR	30.	03/09/2000	WO 00/12540	WIPO					
JR	31.	06/22/2000	WO 00/35944	WIPO					
JR	32.	06/02/2000	WO 00/35945	WIPO					
JR	33.	09/18/1991	GB 2,241,956	GB					
JR	34.	09/25/1991	GB 2,242,194	GB					

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
JR	35.	Baba, N., et al. (1989). "Intramolecular Asymmetric Lactonization Using Optically Active 1,2-Diphenylethylenediamine as a Chiral Auxiliary," <i>Chemistry Letters</i> 5: 889-892.
JR	36.	Baldwin, J.E. and Finn, A., (1987). "Use of L-Aspartic Acid β -Semialdehyde in the Synthesis of More Complex Non-Protein Amino Acids," <i>Tetrahedron Letters</i> 28(31): 3605-3608.
JR	37.	Curphey, et al. (1979). "Trifluoroacetylation of Amino Acids and Peptides by Ethyl Trifluoroacetate," <i>J. Org. Chem.</i> 44(15): 2805-2807.
JR	38.	Evans, D.A., and Weber, A.E., (1987). "Synthesis of Cyclic Hexapeptide Echinocandin D. New Approaches to the Asymmetric Synthesis of β -Hydroxy α -Amino Acids," <i>J. Am. Chem. Soc.</i> 109: 7151-7157.
JR	39.	Hensens, D.O. et al. (1992) "Pneumocandins from <i>Zalerion arboricola</i> " <i>Journal of Antibiotics</i> 45(12):1875-1885.
JR	40.	Jamison, J.A. et al. (1998) "The synthesis and antifungal activity of nitrogen containing hemiaminal ethers of LY303366" <i>Journal of Antibiotics</i> 51(2):239-242.
JR	41.	Kurokawa, N. and Ohfuné, Y., (1986). "Total Synthesis of Echinocandins 1. Stereocontrolled Syntheses of the Constituent Amino Acids," <i>J. Am. Chem. Soc.</i> 108: 6041-6043.
JR	42.	Kurokawa, N. and Ohfuné, Y., (1993). "Synthetic Studies on Antifungal Cyclic Peptides Echinocandins. Stereoselective Total Synthesis of Echinocandin D via a Novel Peptide Coupling," <i>Tetrahedron</i> 49(28): 6195-6222.
JR	43.	Sasaki, N.A., et al. (1987). "A Novel Approach to the Synthesis of Optically Pure Non Protein α -

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 342312001701	Application Number 10/676,575
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<i>JR</i>		Amino Acids in Both L and D Configuration from L-Serine," <i>Tetrahedron Letters</i> 28(48): 6069-6072.
<i>JR</i>	44.	Tanaka, K., et al. (1985). "Asymmetric Synthesis of γ -Alkyl- α -Methylene- γ -Butyrolactone Via 1,6-Remote Induction Using 2-[(Tributylstannyl)Methyl]Propenamides," <i>Tetrahedron Letters</i> 26(10): 1337-1340.
<i>JR</i>	45.	Turner, W.W. and Rodriguez, M.J. (1996). "Recent Advances in the Medicinal Chemistry of Antifungal Agents," <i>Current Pharmaceutical Design</i> 2: 209-224.
<i>JR</i>	46.	Yamamoto, Y., et al. (1991). "Asymmetric Synthesis of 5- and 6-Membered Lactones from Cyclic Substrates Bearing a C ₂ -Chiral Auxiliary," <i>J. Org Chem</i> 56(3): 1112-1119.
<i>JR</i>	47.	Yoda, H., et al. (1989). "New Synthetic Method of γ - and δ -Lactones via Successive Alkylation and Reduction of Cyclic Imides," <i>Chemistry Express</i> 4(8): 515-518.
<i>JR</i>	48.	Zambias, R.A. et al., (1992). "Preparation and Structure- Activity Relationships of Simplified Analogues of Antifungal Agent Cilofungin: A Total Synthesis Approach," <i>J. Med. Chem.</i> 35: 2843-2855.

EXAMINER: <i>Jeffrey E. Russell</i>	DATE CONSIDERED: <i>November 22, 2009</i>
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